

Ducted Reverse Cycle Inverter

Feel refreshingly cool in summer
and comfortably warm in winter



Comfort

Experience a New World of Comfort

Ultimate Comfort

Ducted Reverse Cycle Inverter air conditioning enables total climate control. Heat and cool your home flexibly and cost effectively in just the way you'd like it to feel, all year round.

- more comfortable
- quicker to heat or cool
- less cost to run



Whole of Home or Zoned Climate Control

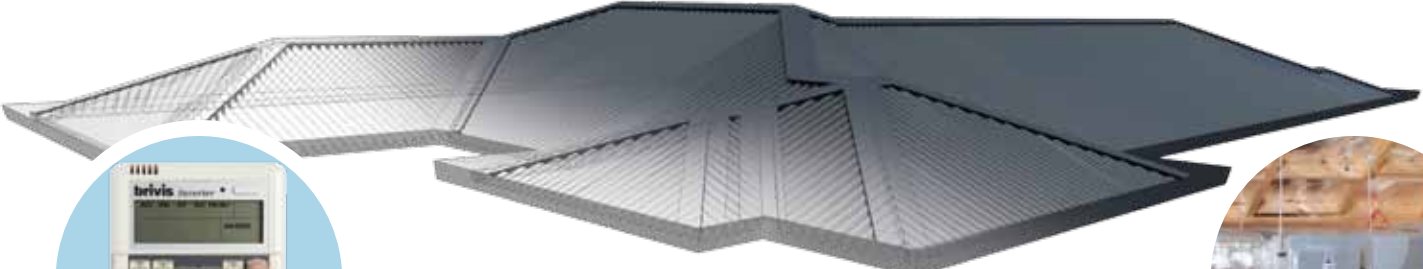
You can choose to acclimatise your entire home, or zone control selected areas of your home to your pre-selected level of comfort, generating even greater savings over time. Consult your specialist dealer for a zone control option to suit your specific application.



“ The convenience to heat and cool our whole home, or zone control selected areas is simply brilliant! ”

System Overview

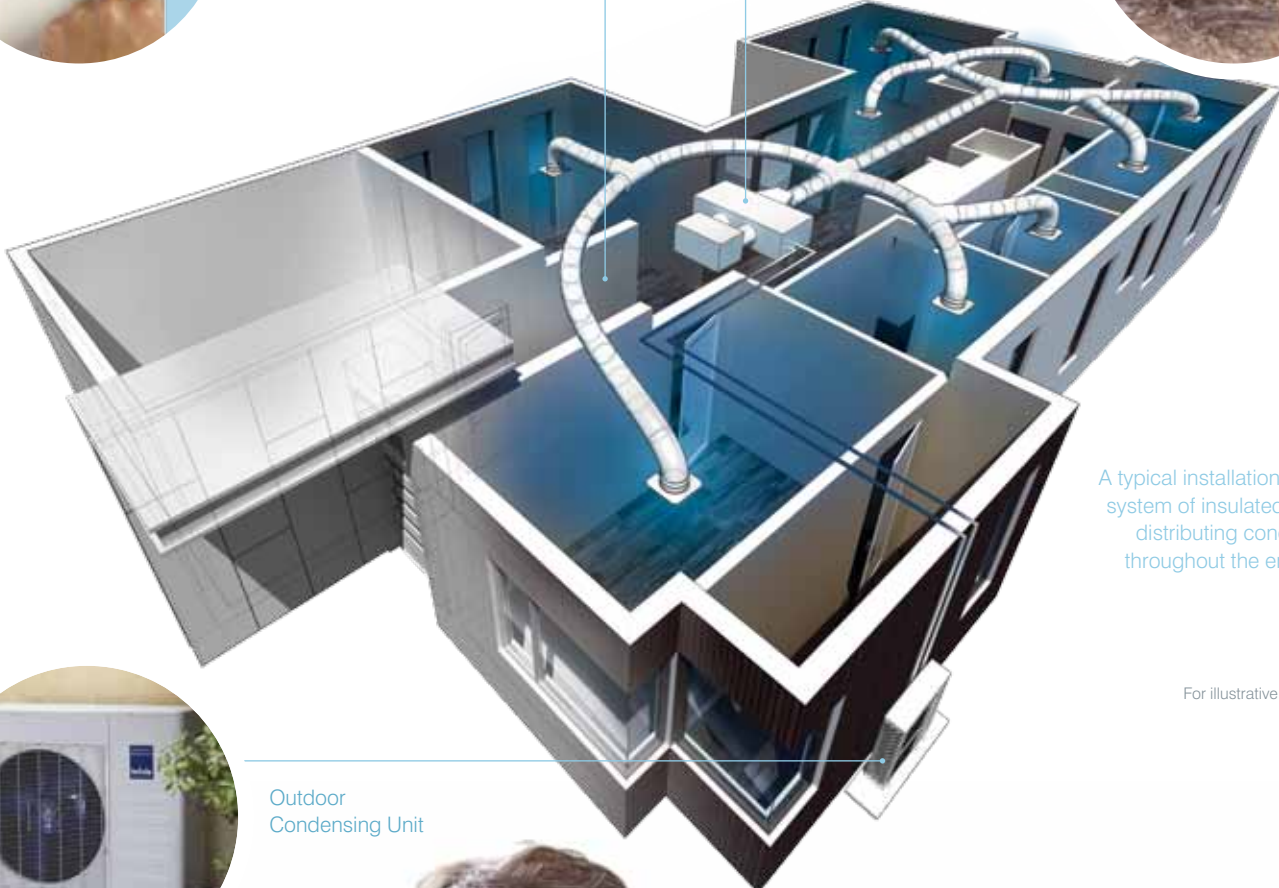
Technical Specifications							
System Size		kW	7	9	11	14	16
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Rated Capacity	kW	6.7	8.4	10.0	13.4	14.6
	Capacity Range	kW	3.3 ~ 8.3	3.8 ~ 10.2	4.2 ~ 12.0	5.6 ~ 15.5	6.1 ~ 16.5
	Rated Input	kW	2.02	2.56	3.10	4.01	4.41
	AEER	W/W	3.249	3.23	3.18	3.31	3.28
Heating	Rated Capacity	kW	7.6	9.0	10.6	15.6	15.9
	Capacity Range	kW	4.0 ~ 9.1	4.5 ~ 10.9	4.4 ~ 13.0	6.2 ~ 16.5	6.6 ~ 17.5
	Rated Input	W	2.11	2.68	3.10	4.45	4.76
	ACOP	W/W	3.53	3.30	3.37	3.47	3.32



Manual or programmable controllers available



Indoor Fan Coil Unit installed within a roof space



A typical installation includes a system of insulated duct work distributing conditioned air throughout the entire home.



Outdoor Condensing Unit

For illustrative purposes only



Speed

Quicker to Heat or Cool

Summer Cool & Winter Warmth

A combination of control mechanisms constantly monitor the system operating conditions to maintain your desired climate setting. 3D DC synchronisation ensures a fast and controlled warm-up and cool-down.



Environmentally Minded

Our Inverter air conditioning range incorporates R-410A refrigerant - the environmental choice of the future.



“ Compact, splittable fan coil for installation into tight roof spaces ”

Indoor Fan Coil Unit Specifications

Model		DINLR07Z7	DINLR09Z7	DINLR11Z7	DINLR14Z7	DINLR16Z7	
Maximum input current	A	2.5	2.5	3.0	3.5	3.5	
Rated input	W	350	350	400	600	650	
Indoor air flow	High	L/s (ESP)	435 (75 Pa)	435 (75 Pa)	820 (100 Pa)	945 (100 Pa)	945 (100 Pa)
Maximum Indoor external static pressure (ESP)	Pa	100	100	150	150	160	
Indoor unit	Dimension (WxDxH)	mm	856 × 808 × 400	856 × 808 × 400	1200 × 808 × 400	1200 × 808 × 400	1400 × 808 × 400
	Net weight	kg	51	51	71	73	84
Supply Air Duct Connections Dimension (WxH)	mm	300 × 220	300 × 220	900 × 249	900 × 249	1100 × 249	
Return Air Duct Connections Dimension (WxH)	mm	510 × 339	510 × 339	995 × 339	995 × 339	1195 × 349	
Moisture Removal	L/h	1.5	2.7	2.4	3.1	3.4	
Refrigerant pipe connections Indoor Liquid / Gas	mm	φ9.5 / φ15.9	φ9.5 / φ15.9	φ9.5 / φ15.9	φ9.5 / φ19.0	φ9.5 / φ19.0	
Operation Temperature Limits Indoor	0°	17 ~ 30	17 ~ 30	17 ~ 30	17 ~ 30	17 ~ 30	

Low Cost

More Economical to Run

Exceptional Performance

Our Inverter air conditioning range is more than 3 times energy efficient than conventional electric heating. The full range exceeds the Australian Government's Minimum Energy Performance Standards (MEPS) and is rated to Australian Standard AS-3283.3.



5 Year Warranty

A comprehensive 5 year parts and labour warranty provides you with total peace of mind. Fully supported by our national service capability.



Outdoor Condensing Unit Specifications

Model		DONSR07Z7	DONSR09Z7	DONSR11Z7	DONSR14Z7	DONSR16Z7
Outdoor noise level (sound pressure @ 1m)	dB(A)	58	60	62	64	64
Outdoor noise level (sound power)	dB(A)	68	70	72	74	74
Outdoor unit	Dimension(WxDxH)	mm 895 x 313 x 862	990 x 354 x 966	990 x 354 x 966	940 x 360 x 1245	940 x 360 x 1245
	Net weight	kg 70	78	79	122	122
Refrigerant type/Quantity	Type	R-410A	R-410A	R-410A	R-410A	R-410A
	Chargeless Length	m 5	5	5	5	5
	Liquid / Gas	mm ϕ 9.5 / ϕ 15.9	ϕ 9.5 / ϕ 15.9	ϕ 9.5 / ϕ 15.9	ϕ 9.5 / ϕ 19.0	ϕ 9.5 / ϕ 19.0
Refrigerant piping	Max. pipe length	m 25	30	30	50	50
	Max. height diff (CDU below)	m 10	20	20	25	25
	Max. height diff (CDU above)	m 15	25	25	35	35
Ambient Temperature Limits (Cooling/Heating)	°C	Cooling -15 ~ 43 Heating -15 ~ 24	Cooling -15 ~ 43 Heating -15 ~ 24	Cooling -15 ~ 43 Heating -15 ~ 24	Cooling -15 ~ 43 Heating -15 ~ 24	Cooling -15 ~ 43 Heating -15 ~ 24

Smart

3D DC Inverter

A faster, more controlled warm-up or cool-down is achieved by the advanced control systems. It combines three Direct Current (DC) motor technologies working in perfect unison to provide you with:

- higher efficiency
- synchronised performance
- lower running costs



“ We look forward to coming home to our world of comfort, just the way we like it, all year round ”

Your local dealer contact:

For all sales and service enquiries:

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